L Number	Hits	Search Text	DB	Time stamp
1	586	(oil or fat) and silicone and	USPAT;	2003/04/11
-	1			
		426/???.ccls.	US-PGPUB;	13:00
			EPO; JPO;	
			DERWENT;	
			IBM TDB	1
2	8	((oil or fat) and silicone and	USPAT;	2003/04/11
-		426/222 male \ and \armsules \ and	1	
		426/???.ccls.) and (ascorbyl adj	US-PGPUB;	12:55
		palmitate or ascorbyl adj stearate)	EPO; JPO;	1
			DERWENT;	
	İ		IBM TDB	
3	4160	((426/601-613) or	USPAT;	2003/04/11
		(426/438426/330.6)).CCLs.	US-PGPUB;	13:00
		(120) 130 120) 330:0) / . CCLD.		13.00
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
4	121	((oil or fat) and silicone and	USPAT;	2003/04/11
		426/???.ccls.) and (((426/601-613) or	US-PGPUB;	13:26
		(426/438426/330.6)).CCLS.)	1	13.20
		(420/450420/550.0)/.CCLS./	EPO; JPO;	
			DERWENT;	
1_			IBM TDB	
5	14866		USPĀT;	2003/04/11
		or epicatechin or epigallochatechin	US-PGPUB;	13:29
1	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
6	5604		USPAT;	2003/04/11
		or epicatechin or epigallochatechin) and	US-PGPUB;	13:29
		(fat or oil)	EPO; JPO;	120.25
		(-33 02 022)		
			DERWENT;	
-	007		IBM_TDB]
7	297		USPAT;	2003/04/11
	İ	or epicatechin or epigallochatechin) and	US-PGPUB;	13:30
		(fat or oil) and (fried or frying or fry)	EPO; JPO;	
		(and a deep and (related of reging of reg)	l .	
			DERWENT;	
8	220	1	IBM_TDB	
0	238	(catechin or rosemary or sage or turmeric	USPAT;	2003/04/11
		or epicatechin or epigallochatechin) and	US-PGPUB;	13:30
		(fat or oil) and (fried or frying or fry)	EPO; JPO;	
	1	and @ay<2001	DERWENT;	
			IBM TDB	1
_	4160	((426/601-613) or	-	2222/24/24
	1100		USPAT;	2003/04/11
		(426/438426/330.6)).CCLS.	US-PGPUB;	13:00
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	4816	("426.330.6").PN. or ((426/601-613) or	USPAT;	2003/04/11
		(426/438)).CCLS.		
		(-20, 100) / .0010.	US-PGPUB;	10:45
			EPO; JPO;	
			DERWENT;	
		İ	IBM TDB	
-	140	diglyceride and fat and ascorbyl	USPĀT	2003/04/11
	İ	· · · · · · · · · · · · · · · · · ·		10:46
]	230	diglyceride and fat and ascorbyl	ttenam -	
1	250	argricoride and fac and ascorbyr	USPAT;	2003/04/11
			US-PGPUB;	10:46
]			EPO; JPO;	
			DERWENT;	
			IBM TDB	ŀ
]	19	(diglyceride and fat and ascorbyl) and	USPAT;	2003/04/11
.		(("426.330.6").PN. or ((426/601-613) or	· ·	
		(426/438)) ccts (426/601-613) or	US-PGPUB;	10:47
		(426/438)).CCLS.)	EPO; JPO;	
1	j	İ	DERWENT;	
			IBM TDB	1
-	12	(diglyceride and fat and ascorbyl) and	USPĀT;	2003/04/11
		(("426.330.6").PN. or ((426/601-613) or	US-PGPUB;	10:52
	1	(426/438)).CCLS.) and @ay<2001		10:32
		1.207.3077.0033.7 and eay\2001	EPO; JPO;	1
1			DERWENT;	
L			IBM_TDB	ļ

-	2202	ascorbyl adj palmitate or ascorbyl adj	USPAT;	2003/04/11
		stearate	US-PGPUB;	10:53
			EPO; JPO;	
			DERWENT;	
		·	IBM TDB	
-	235		USPAT;	2003/04/11
		stearate) and diglyceride	US-PGPUB;	10:59
			EPO; JPO;	
		·	DERWENT;	
			IBM TDB	
-	323	(426/611).CCLS.	USPĀT;	2003/04/11
			US-PGPUB;	10:59
			EPO; JPO;	10.05
ŀ			DERWENT;	
			IBM TDB	
-	115	((426/611).CCLS.) and diglyceride	USPAT	2003/04/11
	1			11:06
_	4859	((426/601-613) or (426/330.6) or	USPAT;	2003/04/11
		(426/438)).CCLs.	US-PGPUB;	11:07
		, , , ,	EPO; JPO;	11.07
			DERWENT;	
			IBM TDB	
-	671	(((426/601-613) or (426/330.6) or	USPAT;	2003/04/11
		(426/438)).CCLS.) and diglyceride	US-PGPUB;	11:07
Ì		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPO; JPO;	11.07
			DERWENT;	
			IBM TDB	
-	4816	((426/601-613) or (426/438)).CCLS.	USPAT;	2003/04/11
		(123, 133, 133, 133, 133, 133, 133, 133,	US-PGPUB;	11:07
ĺ			EPO; JPO;	11.07
			DERWENT;	
	}		IBM TDB	
- ·	4160	(426/601-613).CCLS.	USPAT;	2003/04/11
			US-PGPUB;	11:07
			EPO; JPO;	11.07
	'		DERWENT;	
			IBM TDB	
_	648	((426/601-613).CCLS.) and diglyceride	USPAT;	2003/04/11
			US-PGPUB;	11:07
			EPO; JPO;	11.07
		•	DERWENT;	
			IBM TDB	
	· · · · · · · · · · · · · · · · · · ·		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

Plastic oil and fat mater s
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF

PI JP 60053598 A2 850327 Showa

AI JP 83-161667 830902

DT Patent

AB

LA Japanese

IC ICM C11C003-08
ICS A23D005-00; C11C003-10

CC 17-9 (Food and Feed Chemistry)

Fatty acid <u>diglycerides contg. >C22 fatty acid residues (esp.</u> behemic acid) are interesterified with derivs. of C16-22 unsatd. fatty acids (<20% satd. fatty acid content) or fatty acid triglycerides contg. >C22 fatty acids (esp. behemic acid) are interesterified with vegetable oils contg. unsatd. fatty acids (>20% satd. fatty acids) in the presence of the catalyst (e.g., Na methylate, NaOH) at 70-150.degree., washed, solvent-fractionated, and crystd. to give plastic oil and fat materials which are suitable for use as spray oils and coating fat materials. Thus, a mixt. of super hydrogenated high-ersin rape oil (palmitic 2.5, stearic 40.7, arachinic 7.4, behenic acids 46.9, other fatty acids 2.0%) 50 and safflower oil (palmitic 6.5, stearic 2.5, oleic 16.0, linoleic 74.1, linolenic acids 0.9%) 50% was mixed with Na methylate (0.1% of the oil mixt.). The mixt. was heated at 70.degree. for 30 min to yield interesterified oils. The interesterified oil was dissolved in Me2CO (1 g/mL) at 60.degree.. The soln. was cooled to 25.degree.. After removal of cryst. materials (high-m.p. fractions), the filtrate was cooled to 3-5.degree.. The crystd. material (medium m.p. fractions), was collected and deodorized to be used as the plastic fat material.

ST spray oil glyceride fatty acid; fat coating triglyceride vegetable oil

IT Glycerides, biological studies

(behenic acid~high, interesterification of, with long-chain fatty acids or vegetable oils, in spray oil and fat coating manuf.)

IT Fats, biological studies

(coatings, interesterified fatty acids and glycerides and oils in manuf. of)

IT Fatty acids, biological studies

(interesterification of, with glycerides and oils, in spray oil manuf.)

IT Safflower oil

(interesterification of, with rape oil, in spray oil and fat coating manuf.)

IT Rape oil

(interesterification of, with safflower oil, in spray oil and fat coating manuf.)

IT Oils

(spray, interesterified fatty acids, glycerides and oils in manuf. of)

IT Oils

(vegetable, interesterification of, with glycerides, in spray oil and fat coating manuf.)

IT Glycerides, biological studies

(di-, behenic acid-high, interesterification of, with long-chain fatty acids or vegetable oils, in spray oil and fat coating manuf.)